

**AMENDMENTS TO THE CLAIMS**

In accordance with Rule 1.121, a complete claim listing is presented below, including appropriate status identifiers. Changes in the amended claims are shown by strikethrough for deleted material, and by underlining for added material.

1-27. (Cancelled)

28. (Previously Presented) A ceramic coated fiber, comprising:

(a) a fiber, and

(b) ceramic, coated on the fiber,

wherein the ceramic has a BET surface area of at least 200 m<sup>2</sup>/g, and the ceramic comprises at least one member selected from the group consisting of Al<sub>2</sub>O<sub>3</sub>, ZrO<sub>2</sub>, and MgO.

29. (Previously Presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 200 m<sup>2</sup>/g to 300 m<sup>2</sup>/g.

30. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic accounts for 10 to 90% by weight of the ceramic coated fiber.

31. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic further comprises silver and/or palladium.

32. (Cancelled)

33. (Previously Presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 200 m<sup>2</sup>/g to 2000 m<sup>2</sup>/g.

34. (Previously Presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 200 m<sup>2</sup>/g to 500 m<sup>2</sup>/g.

35-44. (Cancelled)

45. (Previously Presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of at least 500 m<sup>2</sup>/g.